COMPARITIVE STATEMENT

NAME OF WORK	: **Additional Works To Jalahalli Govt School in Ward no 16.**
Sanction NO	:
Work Order No & Date	: **RPND/EE/Tend/08/2021-22 & 14.09.2021**
Date of commencement	:
Date of completion As per tender	: **14/06/2023**
Tender time	: **12 Months**
Estimated Cost	:
Tender amount	: **283,53,750.00**
Agency	: **Sri. (M/S K DAMODAR & CO) CLASS I CONTRACTOR, Malleshwaram, Bangalore**

COMPARISION OF EXPENDITURE WITH THE TENDER AWARD

Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary,sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-12.2.-d o -i) Lime/Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20	Cum	28.03	661.00	18527.83	28.1	661.00	18541.05	0.00		0.00	28.05	18541.05	13.22		
2	KSRRB M200-14.1 Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete as per specifications, ii) Dismantling Brick I Tile work. A. In lime mortar. MORTH Specification No. 202 KSRRB M200-14.2 -d o - Dismantling brick/Tile work B. In cement	Cum	100.05	417.00	41720.85	100.1	417.00	41721.62	0.00		0.00	100.05	41721.62	0.00		
3	KSRB 2-1.1 :Earthwork in surface excavation in Ordinary Soil for Levelling and Lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (Page no. 6: Item 2.1 P.W.D. SR-2018-19)	Cum	1158.76	290.00	336040.40	0.0	290.00	0.00	0.00		0.00	0.00	0.00	0.00	336040.40	
4	KSRB 2-2.1 **Earth work excavation for foundation of building**, culverts, water supply sanitary lines, and electrical conduits either pits or in trenches 1.5m and above in width, in **Ordinary** not exceeding 1.5m in depth including dressing bottom and sides of pits and trenches, stacking excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specifications **(Pg No 6-Item No 2.3 P.W.D. SR-2018-19)**	Cum	250.30	520.00	130156.00	0.0	520.00	0.00	0.00		0.00	0.00	0.00	0.00	130156.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
5	KSRB-3.2 : Providing and injecting chemical emulsion for **Pre-constructional Anti-Termite Treatment,** creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) **(Pg No 10-Item No 3.2 P.W.D SR-2018-19)**	Sqm	326.86	126.00	41184.36	0.0	126.00	0.00	0.00		0.00	0.00	0.00	0.00	41184.36	
6	KSRB 4-1.2 Providing and Laying in position plain cement concrete of **Mix 1:3:6** with OPC Cement @220kgs with 40mm down size graded granite metal coarse aggregate 0.89cum and fine aggregate @ 0.465Cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation, plinth, including cost of materilas, HOM of machineries, curing complete as per specification	Cum	13.87	6620.00	91819.40	17.3	6620.00	114774.25	87.18	6416.68	559397.61	104.52	674171.86	582352.46	0.00	
7	ksrb 5.2-3 Providing and constructing **grinite /trap/basalt size stone masonry in foundation with cement motar 1:6 stone hammer dressed** in coursenot less than 20cm high bond stones at two m apart in each course including cost of materils ,lobour curing complete as per specification. **(Issue rate as on date 21-10-19, Item No. 5.6)**	Cum	33.65	5658.00	190391.70	0-00	5658.00	0.00			0.00		0.00	0.00	190391.70	
8	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones hammer dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **(issue rate as on date 21-10-19, Item No. 5.9)**	Cum	33.78	6711.00	226697.58	0-00	6711.00	0.00			0.00		0.00	0.00	226697.58	
9	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Realfirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	57.42	7210.00	413998.20	0-00	7210.00	0.00			0.00		0.00	0.00	413998.20	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
10	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	cum	33.99	7270.00	247107.30	42.5	7270.00	308884.13	20.60	7112.02	146521.22	63.09	455405.35	208298.05	0.00	
11	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser	cum	223.21	7328.00	1635682.88	279.0	7328.00	2044603.60	53.00	7112.02	376923.69	332.01	2421527.29	785844.41	0.00	
12	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	58.24	306.00	17821.44	0.00	306.00	0.00			0.00		0.00	0.00	17821.44	
13	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	39.04	541.00	21120.64	48.8	541.00	26400.80	36.57	544.80	19921.02	85.37	46321.82	25201.18	0.00	
14	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	39.04	543.00	21198.72	48.8	543.00	26498.40	32.74	544.80	17834.45	81.54	44332.85	23134.13	0.00	
15	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	166.53	545.00	90758.85	208.2	545.00	113448.56	336.32	544.80	183224.52	544.48	296673.09	205914.24	0.00	
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per	Sqm	149.84	347.00	51994.48	161.7	347.00	56119.27	0.00	544.80	0.00	161.73	56119.27	4124.79	0.00	
17	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per	Sqm	79.97	348.00	27829.56	0.00	348.00	0.00			0.00		0.00	0.00	27829.56	
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per	Sqm	593.80	345.00	204861.00	681.1	345.00	234973.64	0.00		0.00	681.08	234973.64	30112.64	0.00	
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	100.29	522.00	52351.38	102.0	522.00	53228.34	0.00		0.00	101.97	53228.34	876.96	0.00	
20	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	100.29	524.00	52551.96	125.4	524.00	65689.95	186.36	544.80	101529.60	311.73	167219.55	114667.59	0.00	

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Additional Works To Jalahalli Govt School In Ward no 16.

MODIFIED SCHEDULE B

Item No.	Tender Item No.	Unit	Modified Schedule B

Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
21	KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.17 ! No 4 34 of PWD S R 2018-19)	Sqm	887.20	520.00	461344.00	1109.0	520.00	576680.00	159.34	525.81	83782.38	1268.34	660462.38	199118.38	0.00	
22	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, ! No 4 46 2 of PWD SR 2018-19)	Toone	6.89	99410.00	684934.90	6.7	99410.00	663592.23	0.00		0.00	6.68	663592.23	0.00	21342.67	
23	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, ! No 4 46 2 of PWD SR 2018-19)	Toone	4.08	100360.00	409468.80	5.1	100360.00	511836.00	5.65	105532.62	596219.73	10.75	1108055.73	698586.93	0.00	
24	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, ! No 4 46 2 of PWD SR 2018-19)	Toone	26.79	101315.00	2714228.85	33.5	101315.00	3392786.06	18.23	105532.62	1924343.77	51.72	5317129.83	2602900.98	0.00	
25	KSRB 2.6 : Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications specification No. KBS 2.10.2	Cum	275.04	2445.00	672472.80	0.00	2445.00	0.00			0.00		0.00	0.00	672472.80	
26	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications KBS No 5.4	Sqm	222.76	1101.00	245258.76	0.00	1101.00	0.00			0.00		0.00	0.00	245258.76	
27	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications KBS No 5.4	Sqm	212.16	1136.00	241013.76	0.00	1136.00	0.00			0.00		0.00	0.00	241013.76	
28	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications KBS No 5.4	Sqm	1298.25	1172.00	1521549.00	288.7	1172.00	338329.44	0.00		0.00	288.68	338329.44	0.00	1183219.56	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
29	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	Sqm	46.62	1149.00	53566.38	58.3	1149.00	66957.98	513.72	1202.35	617665.81	571.99	684623.79	631057.41	0.00	
30	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	Sqm	55.12	1220.00	67246.40	68.9	1220.00	84058.00	720.97	1202.35	866852.84	789.87	950910.84	883664.44	0.00	
31	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (Issue rate as on date 21-10-19, Item No. 4.20)	Sqm	2.16	559.00	1207.44	0.00	559.00	0.00			0.00		0.00	0.00	1207.44	
32	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391cum, with superplastisiser @0.225lts,	Sqm	3.60	565.00	2034.00	0.00	565.00	0.00			0.00		0.00	0.00	2034.00	
33	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (Issue rate as on date 21-10-19, Item No. 4.20)	Sqm	16.02	570.00	9131.40	20.0	570.00	11414.25	42.56	600.58	25557.75	62.58	36972.00	27840.60	0.00	
34	Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Honne wood frames	Cum	0.74	103979.00	76944.46	0.9	103979.00	96180.58	0.90	103978.94	93477.07	1.82	189657.64	112713.18	0.00	
35	Providing and fixing in position fully panelled wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM	Sqm	30.24	5605.00	169495.20	0.00	5605.00	0.00			0.00		0.00	0.00	169495.20	
36	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)	Sqm	212.11	326.00	69147.86	0.00	326.00	0.00			0.00		0.00	0.00	69147.86	

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37	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)	Sqm	189.29	332.00	62844.28	236.6	332.00	78555.35	546.42	316.91	173163.88	783.03	251719.23	188874.95	0.00	
38	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing,	Sqm	1020.60	336.00	342921.60	1275.8	336.00	428652.00	1324.58	324.03	429203.84	2600.33	857855.84	514934.24	0.00	
39	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)	Sqm	81.87	292.00	23906.04	0.00	292.00	0.00			0.00		0.00	0.00	23906.04	
40	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21)	Sqm	81.87	298.00	24397.26	102.3	298.00	30496.58	135.89	249.25	33871.77	238.23	64368.34	39971.08		
41	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21)	Sqm	588.44	301.00	177120.44	735.6	301.00	221400.55	920.26	256.37	235931.91	1655.81	457332.46	280212.02	0.00	
42	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)(outer)	Sqm	276.60	341.00	94320.60	345.8	341.00	117900.75	243.33	321.66	78267.42	589.08	196168.17	101847.57	0.00	
43	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)(outer)	Sqm	276.60	347.00	95980.20	345.8	347.00	119975.25	304.27	328.78	100036.76	650.02	220012.01	124031.81	0.00	
44	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. (Issue rate as on date 21-10-19, Item No. 15.16)(outer)	Sqm	1314.62	353.00	464060.86	1643.3	353.00	580076.08	424.50	335.90	142587.41	2067.77	722663.48	258602.62	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
45	KSRB 7.12 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenoned and riveted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM complete as per specifications.-do- using aluminium section anodized to 12 -15 microns.	Sqm	9.36	4419.00	41361.84	0.00	4419.00	0.00			0.00		0.00	0.00	41361.84	
46	KSRB 7.12 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenoned and riveted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM complete as per specifications.-do- using aluminium section anodized to 12 -15 microns.	Sqm	9.36	4425.00	41418.00	0.00	4425.00	0.00			0.00		0.00	0.00	41418.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
47	KSRB 7.12 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc., providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenoned and riveted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM complete as per specifications.-do- using aluminium section anodized to 12 -15 microns	Sqm	45.27	4432.00	200636.64	0.00	4432.00	0.00			0.00		0.00	0.00	200636.64	
48	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on existing flooring with special adhesive for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, cost of materials, mortar, labour etc., complete as per specification.	Sqm	75.40	1228.00	92591.20	72.0	1228.00	88452.84	0.00		0.00	72.03	88452.84	0.00	4138.36	
49	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on existing flooring with special adhesive for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, cost of materials, mortar, labour etc., complete as per specification.	Sqm	70.86	1228.00	87016.08	72.0	1228.00	88452.84	0.00		0.00	72.03	88452.84	1436.76	0.00	
50	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Colour glazed tiles 15x15 cms 6mm thick	Sqm	85.62	1534.00	131341.08	107.0	1534.00	164176.35	254.68	1508.58	384196.42	361.70	548372.77	417031.69	0.00	
51	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per	Sqm	170.87	1540.00	263139.80	213.6	1540.00	328924.75	148.11	1510.95	223790.46	361.70	552715.21	289575.41	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
52	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed ith neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications -do- using silver grey granite I Multy Red I Ruby Red I Black I Hassan Green I River Pink Granite of width	Sqm	2524.18	3360.00	8481244.80	958.1	3360.00	3219283.20	0.00		0.00	958.12	3219283.20	0.00	5261961.60	
53	KSRB 9-27.1: Fixing Door frame in an existing opening including embedding frame in floor and walls after cutting masonry for hold fasts for embedding hold fast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coat tar to sides of frame, making good the damages to wall and floor as required and disposal of the debris with lead upto 50m including cost of materials, labour charges, complete as per specifications. (P-61, I-9.80)	Nos	10.00	1621.00	16210.00	13.0	1621.00	21073.00	12.00	1630.83	19569.94	25.00	40642.94	24432.94	0.00	
54	Providing and fixing 65mmx125mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V.Stabilized Isopthalic Gel coat and Isopthalic resin. The Thickness of the GRP Skin shall not be less than 2.0mm. The Door frame consists of four segments.	Sqm	177.90	653.00	116168.70	222.4	653.00	145210.88	5.63	652.81	3672.03	228.00	148882.91	32714.21	0.00	
55	P/F Factory made single leaf rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized isopthalic Gel coat and on layer of 45gsm E-Glass Chopped strand Mat (CSM) impregnated	Sqm	50.08	3561.00	178334.88	62.6	3561.00	222918.60	0.40	3560.76	1424.30	63.00	224342.90	46008.02	0.00	
56	KSRB 15-17.4: Applying **priming coat over new wood surface** and /or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and	Sqm	75.60	59.00	4460.40	54.0	59.00	3188.21	0.00	59.35	0.00	54.04	3188.21	0.00	1272.19	
57	KSRB 15-17.6: Providing and applying **painting two coats** (excluding priming coat on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (I-15.60.1)	Sqm	75.60	115.00	8694.00	54.0	115.00	6214.31	0.00	115.13	0.00	54.04	6214.31	0.00	2479.69	
58	KSRB 7.9: Providing and fixing M.S.Grill work for windows and ventilators weighing 21kg/sqm using M.S.Flats, or M.S.Squared rods, or combination of M.S.Flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of all materials, fixtures, labour and HOM of machinery complete as per specifications (I-7.9)	kg	1343.79	113.00	151848.27	1679.7	113.00	189810.34	3283.40	127.00	416993.56	4963.14	606803.90	454955.63	0.00	
59	Providing and Applying enamel metal Paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter including cost of materials labour complete as per specification	Sqm	2821.96	113.00	318881.48	353.3	113.00	39917.25			0.00	353.25	39917.25	0.00	278964.23	
60	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117, item no.15.33 S.R 2018-19)	Sqm	2174.18	38.00	82618.84	2050.8	38.00	77928.98	0.00	52.22	0.00	2050.76	77928.98		4689.86	
61	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth,	Sqm	2174.18	131.00	284817.58	1326.8	131.00	173805.56	0.00	135.31	0.00	1326.76	173805.56		111012.02	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
62	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per	Sqm	1867.82	121.00	226006.22	0.00	121.00	0.00			0.00		0.00	0.00	226006.22	
63	Providing and fixing **M.S. Hand railing for Balcony** with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Sqm	44.00	3371.00	148324.00	55.0	3371.00	185405.00	38.88	3377.97	131335.64	93.88	316740.64	168416.64	0.00	
64	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide	Nos	5.04	3094.00	15593.76	0.00	3094.00	0.00			0.00		0.00	0.00	15593.76	
65	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform	Sqm	68.37	2234.00	152738.58	0.00	2234.00	0.00			0.00		0.00	0.00	152738.58	
66	KSRB 14.6: Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average	Sqm	297.24	1250.00	371550.00	0.00	1250.00	0.00			0.00		0.00	0.00	371550.00	
67	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2.4 and finished with CM 1:3 plastering and finishing cutting ete., complete.Page No. 27/ Item No. 5.29.2/ PWD SR 2018-19	Nos	1100.89	560.00	616498.40	0.00	560.00	0.00			0.00		0.00	0.00	616498.40	
68	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No. 180/ Item No. 24.1/	Sqm	198.16	95.00	18825.20	0.00	95.00	0.00			0.00		0.00	0.00	18825.20	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
69	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0:1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification I No 10.5.1 P No 69	Sqm	876.76	624.00	547098.24	894.7	624.00	558323.06	0.00		0.00	894.75	558323.06	11224.82	0.00	
70	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete (External work and Burried). Page No-99,Item No-13.87	Mtr	450.00	212.00	95400.00	61.0	212.00	12932.00	0.00		0.00	61.00	12932.00	0.00	82468.00	
71	**32mm.dia..**	Mtr	550.00	268.00	147400.00	146.0	268.00	39128.00	0.00		0.00	146.00	39128.00	0.00	108272.00	
72	**40mm dia**	Mtr	370.00	347.00	128390.00	41.0	347.00	14227.00	0.00		0.00	41.00	14227.00	0.00	114163.00	
73	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.Page No-	Set	10.00	1567.00	15670.00	6.0	1567.00	9402.00	0.00		0.00	6.00	9402.00	0.00	6268.00	
74	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. Page No-94,Item No-13.42	Each	12.00	609.00	7308.00	12.0	609.00	7308.00	0.00		0.00	12.00	7308.00	0.00	0.00	
75	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. Page No-93,Item No-13.35	Nos	10.00	985.00	9850.00	6.0	985.00	5910.00	0.00		0.00	6.00	5910.00	0.00	3940.00	
76	**40mm.dia..**	Nos	10.00	1234.00	12340.00	6.0	1234.00	7404.00	0.00		0.00	6.00	7404.00	0.00	4936.00	
77	KSRB13-7.1-3 : Providing and fixing in position 40mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 KSRB13-7.1-3 - do - 40 mm dia nominal bore Page No-95, Item No-13.54	Each	11.00	1124.00	12364.00	11.0	1124.00	12364.00	0.00		0.00	11.00	12364.00	0.00	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
78	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (Page No. 79, I No. 12.5 of KPWD S.R 2018-19)	Each	37.00	5882.00	217634.00	40.0	5882.00	235280.00	0.00		0.00	40.00	235280.00	17646.00	0.00	
79	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	18.00	3903.00	70254.00	22.5	3903.00	87817.50	9.50	3902.59	37074.63	32.00	124892.13	54638.13	0.00	
80	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No KBS 13.2.2 / 13.3	Unit	40.00	226.00	9040.00	50.0	226.00	11300.00	42.00	225.51	9471.62	92.00	20771.62	11731.62	0.00	
81	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.	Unit	16.00	877.00	14032.00	0.0	877.00	0.00	0.00		0.00		0.00		14032.00	
82	Providing and fixing Chorinated Poly Venyl Chlonde (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC	Mtr	660.00	245.00	161700.00	116.0	245.00	28420.00	0.00		0.00	116.00	28420.00	0.00	133280.00	
83	Providing & fixing Chorinated Poly Venyl(CPVC)20mm nominal OD pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete trenching, refilling and testing of joints complete (Concealed work including cutting chases and making	Mtr	500.00	279.00	139500.00	0.00	279.00	0.00			0.00		0.00	0.00	139500.00	
84	Providing & fixing Chorinated Poly Venyl(CPVC)20mm nominal OD pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete trenching, refilling and testing of joints complete (Concealed work including cutting chases and making	Mtr	510.00	348.00	177480.00	0.00	348.00	0.00			0.00		0.00	0.00	177480.00	
85	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No KBS 13.2.6 / 13.3	Each	12.00	533.00	6396.00	6.0	533.00	3198.00	0.00		0.00	6.00	3198.00	0.00	3198.00	
86	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	12.00	167.00	2004.00	15.0	167.00	2505.00	77.00	167.36	12886.39	92.00	15391.39	13387.39	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
87	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No KBS 13.2.15.1 / 13.9 for internal water supply	Mtr	450.00	271.00	121950.00	0.00	271.00	0.00			0.00		0.00	0.00	121950.00	
88	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No KBS 13.2.15.1 / 13.9 for internal water supply connection 40mm dia	Mtr	350.00	387.00	135450.00	56.0	387.00	21672.00	0.00		0.00	56.00	21672.00	0.00	113778.00	
89	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No KBS 13.2.15.1 / 13.9 for internal water supply connection 40mm dia	Mtr	200.00	534.00	106800.00	250.0	534.00	133500.00	470.75	706.22	332451.84	720.75	465951.84	359151.84	0.00	
90	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm	NOS	13.00	10077.00	131001.00	16.0	10077.00	161232.00	4.00	10076.95	40307.80	20.00	201539.80	70538.80	0.00	
91	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using	Mtr	830.00	44.00	36520.00	1000.0	44.00	44000.00	0.00		0.00	1000.00	44000.00	7480.00	0.00	
92	25mm dia 2mm thick.	Mtr	480.00	58.00	27840.00	600.0	58.00	34800.00	0.00		0.00	600.00	34800.00	6960.00	0.00	
93	32mm dia 2.5mm thick.	Mtr	300.00	91.00	27300.00	0.00	91.00	0.00			0.00		0.00	0.00	27300.00	
94	Groove cutting in walls Supplying heavy gauge PVC Conduit Pipe ....dia .... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface	Mtr	345.00	56.00	19320.00	395.0	56.00	22120.00	0.00		0.00	395.00	22120.00	2800.00	0.00	
95	25mm dia 2mm thick	Mtr	185.00	59.00	10915.00	225.0	59.00	13275.00	0.00		0.00	225.00	13275.00	2360.00	0.00	
96	32mm dia 2.5mm thick.	Mtr	165.00	89.00	14685.00	0.00	89.00	0.00			0.00		0.00	0.00	14685.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
97	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.	Mtr	175.00	23.00	4025.00	0.00	23.00	0.00			0.00		0.00	0.00	4025.00	
98	Upto 50mm Conduit CC floor	Mtr	115.00	42.00	4830.00	0.00	42.00	0.00			0.00		0.00	0.00	4830.00	
99	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm ..., etc. as required 25mm	Mtr	310.00	26.00	8060.00	0.00	26.00	0.00			0.00		0.00	0.00	8060.00	
100	Supplying And Fixing Metal Fan Box with Round Hook	Nos	6.00	93.00	558.00	7.5	93.00	697.50	18.50	93.42	1728.18	26.00	2425.68	1867.68	0.00	
101	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP	Point	63.00	176.00	11088.00	33.0	176.00	5808.00	0.00		0.00	33.00	5808.00	0.00	5280.00	
102	Medium point 3 Mtr to 6 Mtrfrom tapping point to out let via switch	Point	32.00	275.00	8800.00	40.0	275.00	11000.00	50.00	274.75	13737.50	90.00	24737.50	15937.50	0.00	
103	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade. COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without	Point	20.00	412.00	8240.00	25.0	412.00	10300.00	375.00	412.00	154500.00	400.00	164800.00	156560.00	0.00	
104	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A - Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of	Point	57.00	522.00	29754.00	40.0	522.00	20880.00	0.00		0.00	40.00	20880.00	0.00	8874.00	
105	There outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches	Point	48.00	742.00	35616.00	0.00	742.00	0.00			0.00		0.00	0.00	35616.00	
106	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. - 1.5 sqmm (Item	Mtr	2450.00	23.00	56350.00	2689.0	23.00	61847.00	0.00		0.00	2689.00	61847.00	5497.00	0.00	
107	2.5 sqmm	Mtr	4350.00	34.00	147900.00	4642.0	34.00	157828.00	0.00		0.00	4642.00	157828.00	9928.00	0.00	
108	4 sqmm	Mtr	2060.00	47.00	96820.00	816.0	47.00	38352.00	0.00		0.00	816.00	38352.00	0.00	58468.00	
109	6 sqmm	Mtr	1130.00	74.00	83620.00	900.0	74.00	66600.00	0.00		0.00	900.00	66600.00	0.00	17020.00	
110	10 sqmm	Mtr	370.00	124.00	45880.00	0.00	124.00	0.00			0.00		0.00	0.00	45880.00	
111	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 1-3Way ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.3.4.1 P 9)	Nos	52.00	104.00	5408.00	21.0	104.00	2184.00	0.00		0.00	21.00	2184.00	0.00	3224.00	
112	4-5way	Nos	42.00	115.00	4830.00	0.00	115.00	0.00			0.00		0.00	0.00	4830.00	
113	6Way	Nos	51.00	137.00	6987.00	0.00	137.00	0.00			0.00		0.00	0.00	6987.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
114	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C C wall - 6Way ---- etc., complete with all lead & lift, as per specifications and	Nos	29.00	159.00	4611.00	30.3	159.00	5763.75	8.75	159	1391.25	45.00	7155.00	2544.00	0.00	
115	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C C wall - 10-12Way ---- etc., complete with all lead & lift, as per specifications	Nos	16.00	181.00	2896.00	20.0	181.00	3620.00	78.00	181	14118.00	98.00	17738.00	14842.00	0.00	
116	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box - 1 to 3 Module (Item No 3.5.4 P 9)	Nos	20.00	121.00	2420.00	0.00	121.00	0.00			0.00		0.00	0.00	2420.00	
117	4 Module	Nos	20.00	137.00	2740.00	0.00	137.00	0.00			0.00		0.00	0.00	2740.00	
118	6 Module	Nos	20.00	192.00	3840.00	0.00	192.00	0.00			0.00		0.00	0.00	3840.00	
119	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box - 8 Module ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No 3.5.4 P 9)	Nos	6.00	220.00	1320.00	7.5	220.00	1650.00	37.50	220	8250.00	45.00	9900.00	8580.00	0.00	
120	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box - 10-12 Module ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No 3.5.5 P 9)	Nos	4.00	253.00	1012.00	5.0	253.00	1265.00	99.00	253	25047.00	104.00	26312.00	25300.00	0.00	
121	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - 6Amps one way ---- etc., complete with all lead & lift, as per specifications and	Nos	40.00	77.00	3080.00	50.0	77.00	3850.00	749.00	77	57673.00	799.00	61523.00	58443.00	0.00	
122	6Amps Two Way	Nos	30.00	104.00	3120.00	0.00	104.00	0.00			0.00		0.00	0.00	3120.00	
123	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - 6Amps 3way socket ---- etc., complete with all lead & lift, as per specifications	Nos	10.00	115.00	1150.00	12.5	115.00	1437.50	97.50	115	11212.50	110.00	12650.00	11500.00	0.00	
124	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - Stepped Fan Regulator ---- etc., complete with all lead & lift, as per specifications	Nos	16.00	319.00	5104.00	20.0	319.00	6380.00	62.00	319	19778.00	82.00	26158.00	21054.00	0.00	
125	16Amps one Way Switch	Nos	40.00	126.00	5040.00	0.00	126.00	0.00			0.00		0.00	0.00	5040.00	
126	6/16Amps Universal Socket	Nos	24.00	178.00	4272.00	0.00	178.00	0.00			0.00		0.00	0.00	4272.00	
127	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	Nos	900.00	8.00	7200.00	0.00	8.00	0.00			0.00		0.00	0.00	7200.00	
128	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws	Nos	6.00	242.00	1452.00	0.00	242.00	0.00			0.00		0.00	0.00	1452.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
129	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Nos	50.00	327.00	16350.00	0.00	327.00	0.00			0.00		0.00	0.00	16350.00	
130	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers	Nos	10.00	249.00	2490.00	0.00	249.00	0.00			0.00		0.00	0.00	2490.00	
131	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply With all accessories (5M Enclosure Sheet Metal Execution)	Nos	2.00	5825.00	11650.00	0.00	5825.00	0.00			0.00		0.00	0.00	11650.00	
132	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14	Nos	2.00	7693.00	15386.00	2.5	7693.00	19232.50	7.50	7693	57697.50	10.00	76930.00	61544.00	0.00	
133	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC	Nos	4.00	477.00	1908.00	5.0	477.00	2385.00	175.00	477	83475.00	180.00	85860.00	83952.00	0.00	
134	5-32 Amps Dp Group'A'	Nos	4.00	999.00	3996.00	0.00	999.00	0.00			0.00		0.00	0.00	3996.00	
135	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 - 40-63Amps TPN ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the	Nos	2.00	1885.00	3770.00	0.0	1885.00	0.00	0.00	1885	0.00	0.00	0.00		3770.00	
136	50-63 Amps TPN	Nos	2.00	2634.00	5268.00	2.5	2634.00	6585.00	17.50	2634	46095.00	20.00	52680.00	47412.00	0.00	
137	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure II - Double Door-------12 Way SPN	Nos	2.00	1978.00	3956.00	0.00	1978.00	0.00			0.00		0.00	0.00	3956.00	
138	4 way TPN	Nos	2.00	2912.00	5824.00	0.00	2912.00	0.00			0.00		0.00	0.00	5824.00	
139	6 Way TPN	Nos	2.00	3660.00	7320.00	0.00	3660.00	0.00			0.00		0.00	0.00	7320.00	
140	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V up to 300mA sensitivity on existing wood/panel board------ 25 Amps DP	Nos	4.00	4066.00	16264.00	3.0	4066.00	12198.00	0.00		0.00	3.00	12198.00	0.00	4066.00	
141	32 Apms 4 pole	Nos	2.00	4709.00	9418.00	0.00	4709.00	0.00			0.00		0.00	0.00	9418.00	
142	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/ manual reset facility suitable to mount on	Nos	2.00	8462.00	16924.00	0.00	8462.00	0.00			0.00		0.00	0.00	16924.00	
143	Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter.	Nos	4.00	1302.00	5208.00	0.00	1302.00	0.00			0.00		0.00	0.00	5208.00	
144	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy	Nos	2.00	8517.00	17034.00	0.00	8517.00	0.00			0.00		0.00	0.00	17034.00	
145	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer, Class 0.5 accuracy with Tape Wound	Nos	4.00	514.00	2056.00	0.00	514.00	0.00			0.00		0.00	0.00	2056.00	
146	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter	Nos	4.00	5215.00	20860.00	1.0	5215.00	5215.00	0.00		0.00	1.00	5215.00	0.00	15645.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
147	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.	Nos	6.00	473.00	2838.00	0.00	473.00	0.00			0.00		0.00	0.00	2838.00	
148	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834, 3 phase, 400/440 volts grade, for power factor improvement of rotating machinenes like induction motor.	Nos	10.00	438.00	4380.00	0.00	438.00	0.00			0.00		0.00	0.00	4380.00	
149	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/ DMC insulator which are mounted on powder coated 40x6mm M.S.flat	Mtr	12.00	2253.00	27036.00	0.00	2253.00	0.00			0.00		0.00	0.00	27036.00	
150	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron . and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.------	Mtr	12.00	280.00	3360.00	0.00	280.00	0.00			0.00		0.00	0.00	3360.00	
151	50X100X50X6mm C channel 50*6mm	Mtr	10.00	692.00	6920.00	0.00	692.00	0.00			0.00		0.00	0.00	6920.00	
152	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation. provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete - 14SWG ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.5.42.1	Sqcm	80000.00	1.00	80000.00	100000.0	1.00	100000.00	6720.00	0.44	2956.80	106720.00	102956.80	22956.80	0.00	
153	Supplying, fixing. wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm	Each	6.00	3297.00	19782.00	2.0	3297.00	6594.00	0.00		0.00	2.00	6594.00	0.00	13188.00	
154	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and	Nos	2.00	4561.00	9122.00	0.00	4561.00	0.00			0.00		0.00	0.00	9122.00	
155	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip	Mtr	8.00	82.00	656.00	0.00	82.00	0.00			0.00		0.00	0.00	656.00	
156	Cpopper Strip 25 X 3mm	Mtr	6.00	555.00	3330.00	0.00	555.00	0.00			0.00		0.00	0.00	3330.00	
157	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire - 8 SWG ---- etc., complete with all lead & lift, as per specifications and as per	Mtr	90.00	64.00	5760.00	50.0	64.00	3200.00	0.00		0.00	50.00	3200.00	0.00	2560.00	
158	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured	Mtr	30.00	198.00	5940.00	37.5	198.00	7425.00	102.50	198	20295.00	140.00	27720.00	21780.00	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
159	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. - 25 sqmm to 95 sqmm ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No.6.5.2 Page 41)	Mtr	20.00	17.00	340.00	25.0	17.00	425.00	115.00	17	1955.00	140.00	2380.00	2040.00	0.00	
160	On wall steucture 25 sqmm to 75 sqmm	Mtr	20.00	38.00	760.00	0.00	38.00	0.00			0.00		0.00	0.00	760.00	
161	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete (As per Civil SR KSRB I-2, P-7) - In soil (hard) ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No.6.6.2 Page 41)	Mtr	30.00	112.00	3360.00	37.5	112.00	4200.00	82.50	112	9240.00	120.00	13440.00	10080.00	0.00	
162	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable	Mtr	30.00	110.00	3300.00	0.00		0.00			0.00		0.00	0.00	3300.00	
163	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. - 65mm --- etc., complete with all lead & lift, as per specifications and as per	Mtr	20.00	622.00	12440.00	10.0	622.00	6220.00	0.00		0.00	10.00	6220.00	0.00	6220.00	
164	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) - 45mm dia ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No.6.11.4 Page 42)	Nos	40.00	129.00	5160.00	2.0	129.00	258.00	0.00		0.00	2.00	258.00	0.00	4902.00	
165	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes ---------2.5Sqmm	Nos	40.00	4.00	160.00	0.00	4.00	0.00			0.00		0.00	0.00	160.00	
166	4sqmm	Nos	30.00	8.00	240.00	0.00	8.00	0.00			0.00		0.00	0.00	240.00	
167	6sqmm	Nos	24.00	8.00	192.00	0.00	8.00	0.00			0.00		0.00	0.00	192.00	
168	10sqmm	Nos	24.00	9.00	216.00	0.00	9.00	0.00			0.00		0.00	0.00	216.00	
169	25sqmm Long Barrel	Nos	30.00	22.00	660.00	0.00	22.00	0.00			0.00		0.00	0.00	660.00	
170	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year	Nos	30.00	3187.00	95610.00	18.0	3187.00	57366.00	0.00		0.00	18.00	57366.00	0.00	38244.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
171	Supplying & fixing retrofit type -PL- LED Lamp 8-9W LED linear source with CCT 6500 degree K, CRI> 70%, efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to beintegrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 8-9	Nos	51.00	385.00	19635.00	0.00	385.00	0.00			0.00		0.00	0.00	19635.00	
172	Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 1 x4'- 20/22 w	Nos	28.00	420.00	11760.00	0.00	420.00	0.00			0.00		0.00	0.00	11760.00	
173	LED light fighting 2X4' - 20/22 W	Nos	10.00	687.00	6870.00	0.00	687.00	0.00			0.00		0.00	0.00	6870.00	
174	Fixing all types and all capacities of fluorescent /False ceiling/spot light /CFL/LED fittings indoor on the wall/ ceiling/rafters/girders using 23/0.0076' twin twisted PVC insulated wires, required Nos of round blocks and clamps. (114/17.7)c) Using 1 Mtr long 19mm 18 SWG enameled brazed conduit of two nos rod pendent with ball socket with check nuts all nickel plated — Including cost of all materials, with all lead, lift and labour charges etc., complete as directed by the Engineer-in-charge of the work.(Item No.14.7.1 Page 79)	Nos	30.00	130.00	3900.00	37.5	130.00	4875.00	32.50	120.89	3928.93	70.00	8803.93	4903.93	0.00	
175	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Nos	2.00	8104.00	16208.00	3.0	8104.00	24312.00	3.00	8104.29	24312.87	6.00	48624.87	32416.87	0.00	
176	Supplying 50 litres capacity vertical/horizontal type wall mounting Electrical water heater with 22 SWG copper/SS sheet metal inner Container tinned inside and anticorrosive paint outside and 20 SWG M.S. sheet metal outer cover filled with glass wool between inner and outer container for thermal insulation complete. The inlet and outlet pipes so arranged that water flow inside results in water to flow out from the inner container without turbulence. The Inner container shall have direct immersion type copper tube nickel plate .2KW capacity element with a neon indicator fitted with 20A capacity 25 to 85 degree Centigrade range thermostat. The water heater shall completely be wired with 40/0.0076 inch 3 core copper flexible wire of 1.5 meters length and the outer container provided with heavy gauge brackets for wall mounting. (Electric SR I no 8.1.5	Nos	10.00	17574.00	175740.00	0.0	17574.00	0.00	0.00		0.00		0.00	0.00	175740.00	
	TOTAL A				28353750.00			17504601.32			8976880.62		26481481.94	11256524.56	13128794.19	
EIRL 1	KSRB 6.32 : Providing and constructing non load bearing Wall with Light Weight Concrete (Autoclaved aerated concrete) Blocks Confirming to IS:2185 (part) 1984 and IS 6441-1972 of compressive Strength of 3.0N/sq mm with a thin layer of polymer based jiontig solvent for super structure with neccesary including cost of materials, labour charges, scaffolding, curing complete as per specifications. Item No. 6.32.2)	Sqm							153.00	1856.34	284020.46	153.00	284020.46	284020.46	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
EIRL 2	KSRB 5-14 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on	Sqm			0.00				164.93	1033.81	170507.91	164.93	170507.91	170507.91	0.00	
EIRL 3	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm			0.00				737.71	343.02	253049.88	737.71	253049.88	253049.88	0.00	
EIRL 4	KSRB15-4.5 Extra for providing and mixing waterproofing compound in cement plaster for stone masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 20mm thick cost of materials complete as per specifications.	Sqm			0.00				737.71	24.93	18387.71	737.71	18387.71	18387.71	0.00	
EIRL 5	KSRB15-6 : Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing complete as per specifications.	Sqm			0.00				737.71	36.79	27143.76	737.71	27143.76	27143.76	0.00	
EIRL 6	KSRB 15.9 Providing and fixing Corner beads 45x45mm size manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls,columns,lintels including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment) ---- The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	Mtr			0.00				490.08	47.48	23267.43	490.08	23267.43	23267.43	0.00	
EIRL 7	KSRB 15.8.2 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications,The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	Mtr			0.00				593.14	51.04	30272.42	593.14	30272.42	30272.42	0.00	
EIRL 8	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification. - 40mm thick both side commercial ---- including cost and conveyance of all materials, all labour, all lead and lifts, loading & unloading chares, hire charges of all machinery and equipments and all other incidental charges. The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	Sqm			0.00				43.68	3315.07	144802.15	43.68	144802.15	144802.15	0.00	

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Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
EIRL 9	uPvC Windows and Doors - Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC sections with TPV gaskets having Isolated drainage and reinforced witgh Galvanized iron profiles through out the window. The outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness and sash with overall size of 39x58 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing ofglass shall be of size 20x18mm and coextruded with gasket. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock. Wall thickness of frame & sash shall be 2-2.2 mm. —- including cost and conveyance of all materials, all labour, all lead and lifts, loading & unloading chares, hire charges of all machinery and equipments and all other incidental charges. The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	Sqm			0.00				68.40	3591.62	245666.80	68.40	245666.80	245666.80	0.00	
EIRL 10	uPvC Windows and Doors - Providing & of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPv gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the windown. The outer frame having a overall size of 60x55mm with reinforcement of 1 mm thickness and Mullion with overall size of 74x60mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, Wall thickness of frame Mullion shall be 2-2.2 mm. —- including cost and conveyance of all materials, all labour, all lead and lifts, loading & unloading chares, hire charges of all machinery and equipments and all other incidental charges. The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	Sqm			0.00				44.16	4310.89	190369.05	44.16	190369.05	190369.05	0.00	
EIRL 11	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.(7.2.1/46)	Each			0.00				16.00	2492.53	39880.51	16.00	39880.51	39880.51	0.00	
EIRL 12	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame if	Each			0.00				16.00	771.50	12343.97	16.00	12343.97	12343.97	0.00	
EIRL 13	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. - 50Sqmm —- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.5.10.6 Page 431)	Each			0.00				2.00	213.65	427.29	2.00	427.29	427.29	0.00	
EIRL 14	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. - 32-40 Amps 4 pole —- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.5.20.3 Page 285)	Each			0.00				1.00	3323.38	3323.38	1.00	3323.38	3323.38	0.00	
EIRL 15	Supplying, fixing and wiring Residual current Circuit Breaker [RCCB] 240/450V up to 300mA sensitivity on existing wood/panel board.63A 4 pole (5.19.10)	Each			0.00				10.00	5697.22	56972.16	10.00	56972.16	56972.16	0.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
EIRL 16	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic - 1x4'-28 Watts ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the	Each			0.00				286.00	445.10	127297.17	286.00	127297.17	127297.17	0.00	
EIRL 17	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No 4.2.1 Page 20)	Each			0.00				178.00	100.89	17958.10	178.00	17958.10	17958.10	0.00	
EIRL 18	KSRB 15-16.1 : Providing and finishing external walls in two coats Over one coof 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications	Sqm							589.08	213.65	125853.71	589.08	125853.71	125853.71		
	TOTAL B										1771543.86		1771543.86	1771543.86		
	TOTAL (A+B)				28353750.00			17504601.32			10748424.48		28253025.80	13028068.42	13128794.19	
	TOTAL AMOUNT										28253025.80					
	GST 12%										3390363.10					
	TOTAL AMOUNT										31643388.90					

Total Execution = Tender Amount + Total Excess - Total Savings.

28253025.80 = 28364660.81+13111974.00+13133606.79

28253025.80 = 28253024.23

TOTAL AMOUNT =

Amount upto 100+25% TQ =		17504601.32
Work slip Amount	=	8976680.62
E.I.R.L. Amount	=	1771543.86
TOTAL AMOUNT	=	28253025.80
12% GST	=	3390363.10
TOTAL AMOUNT	=	31643388.90

Total Amount	-	Sanctioned Amount	=	Total Excess	-	Total Savings
28253025.80	-	28353750.00		13028068.42	-	13128794.19
		100724.20	=	100725.77		

Savings over the Estimated Cost = (28353750.00-28253025.80) 100724 Rupees

Percentage Savings over the Tender Cost = $\frac{100724}{28353750.00} \times 100 =$ 0.004 %

Contactor

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